

**VIDEOCONFERENCING USING MANAGED QUALITY OF SERVICE
AND/OR BANDWIDTH ALLOCATION IN A REGIONAL/ACCESS
NETWORK (RAN)**

Abstract of the Disclosure

Videoconferencing using Quality of Service (QoS) and/or bandwidth allocation in a Regional/Access Network (RAN) that provides end-to-end transport
5 between an Application Service Provider (ASP) and Customer Premises Equipment (CPE) is provided. The CPE may be a Customer Premises Network (CPN) that may, in turn, include a Routing Gateway (RG). A request for a videoconference is received designating a plurality of participants. A desired QoS and/or bandwidth allocation for the videoconference for the plurality of participants is requested from the RAN
10 responsive to the received request for a videoconference using at least one Application Programming Interface (API) call. Confirmation of the request for a desired QoS and/or bandwidth allocation may be received from the RAN. The videoconference is activated for the plurality of participants using the desired QoS and/or bandwidth allocation. A different QoS and/or bandwidth allocation may be
15 provided for video and audio application flows associated with the videoconference.

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